Fall 2007 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

ST0001	Overall LMA	Total LMA	* Overall LMA	Threshold Perce	nt is less tha	ın			
Cache Creek	Rating M *	Miles 24.53	the Overell LAAA Define in Adjustered of A						
					Encroad	hments			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles			
Trim / Thin Trees	0.21		0.21	0.86%					
Encroachments	0.68		0.68	2.77%	3.09	0.29			
Erosion / Bank Caving		0.28	1.12	4.57%					
LMA Totals:	0.89	0.28	2.01	8.19% *	3.09	0.29			
Unit No. 01 North Levee	Overall Unit Rating	Total Unit Miles							
	M	11.81							
					Encroad				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles			
Trim / Thin Trees	0.08		0.08	0.68%					
Encroachments	0.28		0.28	2.37%	2.79	0.29			
Erosion / Bank Caving		0.28	1.12	9.48%					
Unit Totals:	0.36	0.28	1.48	12.53%	2.79	0.29			
Unit No. 02 South Levee	Overall Unit Rating	Total Unit Miles							
	Α	6.94							
						hments			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles			
Trim / Thin Trees	0.13		0.13	1.87%					
Encroachments	0.40		0.40	5.76%	0.30				
Unit Totals:	0.53	0.00	0.53	7.64%	0.30	0.00			
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Overall Unit Rating	Total Unit Miles							
	A	2.61							
					Encroad				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles				
No Items					PO Miles	CO Miles			
	M Miles	U Miles	M + 4U Miles 0.00	Threshold % 0.00%					
No Items					PO Miles	CO Miles			
No Items Unit Totals: Unit No. 05 Cache Creek Settling Basin	0.00 Overall Unit	0.00			PO Miles	CO Miles			
No Items Unit Totals: Unit No. 05 Cache Creek Settling Basin Extension Levee Rated Item	0.00 Overall Unit Rating	0.00 Total Unit Miles			PO Miles	0.00			
No Items Unit Totals: Unit No. 05 Cache Creek Settling Basin Extension Levee	0.00 Overall Unit Rating A	0.00 Total Unit Miles 3.17	0.00	0.00%	PO Miles 0.00	0.00			

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LMA District Cover Sheet

Fall 2007 Levee Inspection Results

Cache Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	
	** Non-receipt of Su	mmer or Winter Inspe	ction Reports may effec	ct overall annual rating.
*				

SPRING INSPECTIONS:	Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.
FALL INSPECTIONS:	The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.
Comments	

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Cache Creek

	Waterwa	ıy		Bank	Unit Miles
	Left	11.81			
	Winter (December - February)				
Date of Inspection					
DWR Inspector			Not Assigned		
Accompanied By					
Unit Maintenance Rating (Fall Only)			M		
Check one:					
During the current winter (or sproject components identified conditions other than the resudeficiencies identified in the end of the current winter (or sproject components identified maintenance and the correction following changes in flood processing the comment section below coordinates, location (Land St	I in the attached Levee Ir ults of our normal mainte enclosed report. Summer) inspection peric in the attached Levee Ir ons we have made to ma ject conditions. w or on additional sheet(nspection Report by Mile nance and the correction od, my staff or I have insp nspection Report by Mile aintenance deficiencies in s), identify change of cor	. We have found no charns we have made to main pected the levee and ass. In addition to the results dentified in the report, we addition by: Start to End Lo	nges in floor itenance ociated floor of our note have four	od project od rmal nd the
Comments					
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30	entative an	d returned to

Levee Inspection Report By Mile - Fall 2007

Cache Creek

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 North Levee	Left	11.81		Not Assigned

LMR	Levee	Mile	0.1		Loca	Rat	A (()	GPS Latitu	de/Longitud	de Photo	! Iss
Line	Start	End	Category	Item	ation	Rating	Action/Comment	Start	End	융	Issue
1	0.00	11.81	Earthen Levee	Animal Control	LS	Α	Exterminate rodents and backfill and compact or grout burrows.		0	0	2
2	0.00	11.81	Earthen Levee	Animal Control	WS	Α	Exterminate rodents and backfill and compact or grout burrows.		0	0	1
3	1.74	1.98	Earthen Levee	Encroachments	LS	РО	Fences		0	0	3
4	1.85	2.17	Earthen Levee	Encroachments	LS	РО	Landscaping		0	0	4
5	1.90	2.17	Earthen Levee	Encroachments	LS	СО	Buildings		0	0	5
6	1.95	1.98	Earthen Levee	Encroachments	WS	РО	Landscaping		0	0	6
7	2.07	2.14	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees to at least five feet above ground level.		0	0	8
8	2.09	2.14	Earthen Levee	Encroachments	WS	М	Debris		0	0	9
9	2.44	2.58	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.		0	0	10
10	2.50	2.65	Earthen Levee	Encroachments	LS	РО	Landscaping		0	0	11
11	2.55	2.65	Earthen Levee	Encroachments	LS	РО	Buildings		0	0	12
12	2.60	2.68	Earthen Levee	Encroachments	LS	М	Equipment		0	0	13
13	2.70	2.70	Earthen Levee	Encroachments	LS	М	Firewood		0	0	14
14	2.88	2.88	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees over roadway to at least 12 feet above ground level.		0	0	15
15	3.20	3.20	Earthen Levee	Encroachments	LS	М	Prunings		0	0	16
16	3.45	3.60	Earthen Levee	Encroachments	LS	РО	Fences		0	0	17
17	3.46	3.52	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.		0	0	18
18	3.60	3.60	Earthen Levee	Encroachments	LS	М	Prunings		0	0	19
19	3.86	3.94	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.		0	0	20

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Levee Inspection Report By Mile - Fall 2007

Cache Creek

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 North Levee	Left	11.81		Not Assigned

LMR	Levee	Mile	Catanani	lt	Rating ** Location *	A abicar/Consumant	GPS Latitude	e/Longitude	Ph	Iss
Line	Start	End	Category	Item	Rating ** Location *	Action/Comment	Start	End	oto	ue
20	4.24	4.42	Earthen Levee	Encroachments	LS PO	Fences	0	0		21
21	5.64	5.69	Earthen Levee	Encroachments	LS M	Prunings	0	0		22
22	7.25	7.25	Earthen Levee	Encroachments	LS PO	Landscaping	0	0		23
23	7.27	7.27	Earthen Levee	Encroachments	LS M	Debris	0	0		24
24	7.30	7.32	Earthen Levee	Encroachments	LS CO	Buildings	0	0		25
25	7.30	7.35	Earthen Levee	Encroachments	LS M	Equipment	0	0		26
26	7.88	7.88	Earthen Levee	Encroachments	WS M	Material	0	0		27
27	10.20	11.81	Earthen Levee	Encroachments	LS PO	Fences	0	0		7

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Cache Creek

	Waterwa	•		Bank Right	Unit Miles 6.94
	19.11				
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter er - February)
Date of Inspection					
DWR Inspector			Not Assigned		
Accompanied By					
Unit Maintenance Rating (Fall Only)			Α		
Check one:					
During the current winter (or sproject components identified conditions other than the resudeficiencies identified in the elements identified in the elements identified maintenance and the correctifollowing changes in flood procoordinates, location (Land St	in the attached Levee Ir ults of our normal mainte enclosed report. summer) inspection peric in the attached Levee Ir ons we have made to ma ject conditions. w or on additional sheet(nance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in spection, identify change of correction of the correcti	. We have found no charns we have made to main pected the levee and ass. In addition to the results dentified in the report, we addition by: Start to End Lo	nges in floo itenance ociated floo of our not have four	od project od rmal nd the or GPS
Comments					
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30	entative an	d returned to

Signature of LMA Representative

Levee Inspection Report By Mile - Fall 2007

Cache Creek

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 South Levee	Right	6.94		Not Assigned

LMR	Levee	Mile			Loc	Ra		GPS Latitude	e/Longitude		Iss
Line	Start	End	Category	Item	Location *	Rating	Action/Comment	Start	End	noto	Issue
1	0.00	11.41	Earthen Levee	Animal Control	WS	Α	Exterminate rodents and backfill and compact or grout burrows.	0	0		2
2	0.00	11.41	Earthen Levee	Animal Control	LS	Α	Exterminate rodents and backfill and compact or grout burrows.	0	0		1
3	0.65	0.65	Earthen Levee	Trim / Thin Trees	LS	М	Thin trees to allow visibility of the ground and room to flood fight.	0	0		3
4	0.82	1.05	Earthen Levee	Encroachments	LS	М	Agricultural Ditch	0	0		4
5	1.66	1.66	Earthen Levee	Encroachments	LS	М	Prunings	0	0		5
6	1.76	1.76	Earthen Levee	Encroachments	LS	М	Debris	0	0		6
7	2.12	2.12	Earthen Levee	Encroachments	LS	М	Equipment	0	0		7
8	2.39	2.39	Earthen Levee	Encroachments	LS	М	Debris	0	0		8
9	2.42	2.46	Earthen Levee	Encroachments	LS	М	Equipment	0	0		9
10	2.53	2.53	Earthen Levee	Encroachments	LS	РО	Fences	0	0		10
11	2.64	2.64	Earthen Levee	Encroachments	LS	М	Pipe	0	0		11
12	3.25	3.25	Earthen Levee	Encroachments	LS	М	Material	0	0		12
13	3.30	3.30	Earthen Levee	Encroachments	WS	РО	Fences	0	0		13
14	3.32	3.36	Earthen Levee	Trim / Thin Trees	LS	М	Thin trees to allow visibility of the ground and room to flood fight.	0	0		14
15	3.42	3.48	Earthen Levee	Trim / Thin Trees	LS	М	Thin trees to allow visibility of the ground and room to flood fight.	0	0		15
16	3.49	3.50	Earthen Levee	Encroachments	LS	РО	Buildings	0	0		16
17	3.74	3.74	Earthen Levee	Encroachments	WS	М	Debris	0	0		17
18	3.76	3.76	Earthen Levee	Trim / Thin Trees	LS	М	Thin trees to allow visibility of the ground and room to flood fight.	0	0		19
19	3.76	3.76	Earthen Levee	Trim / Thin Trees	LS	М	Thin trees to allow visibility of the ground and room to flood fight.	0	0		18
											—

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Levee Inspection Report By Mile - Fall 2007

Cache Creek

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 South Levee	Right	6.94		Not Assigned

LMR	Levee	Mile	0-1	14	Rating ** Location *	A stilling (O constraint)	GPS Latitude	e/Longitude	Photo	Issue
Line	Start	End	Category	Item	Rating ** Location **	Action/Comment	Start	End	oto	ue
20	3.76	3.87	Earthen Levee	Encroachments	LS PO	Fences	0	0		20
21	3.99	4.02	Earthen Levee	Encroachments	LS PO	Buildings	0	0		21
22	4.03	4.11	Earthen Levee	Encroachments	LS PO	Landscaping	0	0		22
23	4.10	4.13	Earthen Levee	Encroachments	LS M	Equipment	0	0		23
24	4.40	4.40	Earthen Levee	Encroachments	WS PO	Buildings	0	0		24
25	4.40	4.42	Earthen Levee	Encroachments	WS PO	Fences	0	0		25
26	4.42	4.44	Earthen Levee	Encroachments	LS PO	Landscaping	0	0		26
27	4.44	4.44	Earthen Levee	Encroachments	LS M	Prunings	0	0		27
28	4.45	4.45	Earthen Levee	Encroachments	LS M	Pipe	0	0		28
29	4.61	4.61	Earthen Levee	Encroachments	LS M	Equipment	0	0		29

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Cache Creek

	Bank	Unit Miles							
Unit No. 04 Ea	Left	2.61							
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter er - February)				
Date of Inspection									
DWR Inspector			Not Assigned						
Accompanied By									
Unit Maintenance Rating (Fall Only)			A						
Check one:									
 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000.									

Signature of LMA Representative

Levee Inspection Report By Mile - Fall 2007

Cache Creek

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.61		Not Assigned

E Levee Mile		Rati	Action/Comment	GPS Latitude/Longitude			Issu	
Start End	Category	Item	ing tion	Action/Comment	Start	End	oto	ue
1					0	0		

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Cache Creek

	Bank	Unit Miles			
Unit No. 0		3.17			
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter er - February)
Date of Inspection					
DWR Inspector			Not Assigned		
Accompanied By					

DWR Inspector			Not Assigned								
Accompanied By											
Unit Maintenance Rating (Fall Only)			Α								
Check one:											
During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.											
During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.											
	(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).										
Comments											
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000.											

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Levee Inspection Report By Mile - Fall 2007

Cache Creek

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 05 Cache Creek Settling Basin Extension Levee		3.17		Not Assigned

LMR Line	Levee	Mile	Category	Item	Location *	Rating	Action/Comment	GPS Latitu	ide/Lon	gitude nd	Photo	Issue
1	0.00	5.15	Earthen Levee	Animal Control	LS	Α	Exterminate rodents and backfill and compact or grout burrows.		0	0		2
2	0.00	5.15	Earthen Levee	Animal Control	ws	Α	Exterminate rodents and backfill and compact or grout burrows.		0	0		1

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable